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CLAIMS

Having thus described the invention what is claimed as new and desired to be secured by Letters Patent is as follows:

1. A method of treating flue gas stream comprising:
 - a. cooling the flue gas stream,
 - b. allowing the cooled flue gas to flow in a first direction across a packing of a gas scrubber,
 - c. providing a water supply,
 - d. adding a pH lowering agent into said water supply to provide a water mixture,
 - e. injecting ozone into said water mixture to form an ozone and water mixture, and
 - f. allowing said ozone and water mixture to flow to cross said packing in a second direction.
2. The method as claimed in claim 1 wherein said pH lowering agent is sulfuric acid.
3. The method as claimed in claim 1 wherein said pH lowering agent is chlorine dioxide.